

**Draft**  
**Maintenance Concept Remains Consistent with Prior Fiscal Year**

## **STATEMENT OF WORK**

**SOW-06-PMM151-00648H-1/1**

**FOR THE  
REBUILD OF THE  
M149A1 and M149A2 WATER TANK,**

**NSN:2330-01-108-7367**

**NSN: 2330-00-832-8801**

**TAMCN: D0880**

**ID# 00648H**

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STATEMENT OF WORK FOR THE  
REBUILD OF THE  
M149A1 and M149A2 TRAILER, TANK WATER 400 GALLON  
NSN(S) 2330-00-832-8801 and 2330-01-108-7367

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) in the rebuild effort of the M149A1 and M149A2 water tank, NSN(S) 2330-00-832-8801 and 2330-01-108-7367, hereafter referred to as the M149. This document contains requirements to restore the M149 to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining."

1.1 Background. Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement or worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

|              |  |
|--------------|--|
| MIL-STD-129  | DoD Standard Practice for Military Marking                 |
| MIL-STD-3003 | Vehicles, Wheeled; Preparation for Shipment and Storage of |

2.2 Other Government Documents and Publications

|                    |  |
|--------------------|--|
| TM 9-2330-267-14&P | Trailer, Water M149  |
| DOD 4000.25-1-M    | Military Standard Requisitioning and Issue Procedures (MILSTRIP) |
| TM 3080-50         | Corrosion Prevention and Control                                 |

8358993

Equipment Preservation Data Sheet

Military Handbooks (For Guidance)

MIL-HDBK-61

Configuration Management Guidance

**2.3 Industry Standards**

ANSI/ISO/ASQC Q9001-2000

Quality Management Systems - Requirements

Industry Standards (For Guidance)

ANSI/EIA-649

National Consensus Standard for Configuration Management

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697- 2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracts Department (Code 891), Marine Corps Logistics Bases, P. O. Drawer 43019, 814 Radford Blvd., Albany, GA 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings shall be obtained from: Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., Suite 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

**3.0 REQUIREMENTS****3.1 General Tasks.** In fulfilling the specified requirements, the contractor shall:

- a. Perform a complete rebuild on the M149 water tanker using TM 9-2330-267-14&P as a guide.
- b. Provide materials, labor, facilities, repair parts, and missing parts necessary to inspect, diagnose, restore, and test the M149. Upon completion of the rebuild, the M149 shall be Condition Code "A."
- c. Provide all tools and test equipment required to test and inspect the M149.
- d. Conduct final on-site testing for witness by a Marine Corps Systems Command (MCSC), (Code PMM151), Albany, Georgia, representative.
- e. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the M149.

f. Be responsible for all corrosion prevention and control in accordance with the latest TM 3080-50.

3.2 Detailed Tasks. The following tasks describe the different phases for rebuild of the M149.

3.2.1 Phase I- Pre-Induction. A Pre-Induction Inspection Analysis is not required.

3.2.2 Phase II - REBUILD. Rebuild of the M149 shall be accomplished in accordance with this SOW and TM 9-2330-267-14&P at the contractor facility. Rebuild of the M149 shall be accomplished by the application of contractor maintenance techniques by experienced journeyman level personnel to meet quality standards.

a. Data plate. The M149 shall have a REBUILD data plate located next to the original manufacturer's data plate. This plate (refer to Figure 1) shall be constructed of metal and is to be attached after the vehicle has completed the rebuild cycle. The data plate shall contain the following information:

VEH. SER. NO. \_\_\_\_\_ DATE \_\_\_\_\_

REBUILT IN ACCORDANCE WITH TM 9-2330-267-14&P

CONTRACTOR \_\_\_\_\_

(Figure 1)

b. Hardware

(1) Replace broken, unserviceable, and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, etc., in accordance with the TM 9-2330-267-14&P. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

3.2.3 Packaging, Handling, Storage and Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be in accordance with the level A requirements of EPDS 8750052 and MIL-STD-3003. The EPDS may be obtained from Storage and Distribution Department (Code 580), Attn: Business Management Branch (Code 581), 814 Radford Blvd.,

Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6786, DSN 567-6786. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level B requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment, and the contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE)/(GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Materiel Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirement of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Model for Quality Assurance in Production, Installation and Servicing. Performance of the contractor and the quality of work delivered, materiel provided and documents written shall be subject to review and inspection by MCSC (Code PMM151), Albany, Georgia representatives during work performance at any work location. Authorized MCSC (Code PMM151) Albany, Georgia representatives shall be permitted to observe the work/task accomplishment or to conduct inspections during working hours. Inspection by MCSC (Code PMM151), Albany, Georgia representatives of test plans and materials furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet work

requirements which may be disclosed prior to final acceptance. Failure of the contractor to promptly correct deficiencies discovered shall be reason for suspension of acceptance until corrective action has been accomplished.

The contractor shall have in place documented procedures and standards for inspection requirements and the contractor's work shall be subject to reviews and inspections for compliance with these procedures and standards by MCSC (Code PMM151), Albany, Georgia representatives. Noncompliance with procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face work termination. Notwithstanding such MCSC (Code PMM151), Albany, Georgia representative inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements delineated and addressed in this SOW.

3.7 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code PMM151), Albany, Georgia. The contractor shall, at no additional cost to MCSC (Code PMM151), Albany, Georgia provide the following:

- a. Develop an approach for modification or correction of all deficiencies.
- b. Upon approval of a documented approach, the contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures requirements is demonstrated.